

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/549,743  
Applicant(s) : Craig N. Schubert, et al.  
Filed : September 19, 2005  
TC/A.U. : Unknown  
Examiner : Unknown  
Title : IMPROVED COMPOSITION AND METHOD FOR REMOVAL OF CARBONYL SULFIDE FROM ACID GAS CONTAINING SAME  
Docket No. : 62212A  
Customer No. : 00109

"Express Mail" mailing label number  
**EV664542500US**  
Date of Deposit **January 31, 2006**

**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

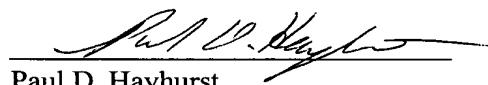
Sir:

**INFORMATION DISCLOSURE STATEMENT**

Pursuant to Applicant's duty of disclosure under 37 CFR §1.56, the Examiner's attention is directed to the information identified in the attached Form PTO/SB/08a.

The cited U.S. patents and patent application publications are listed on Form PTO/SB/08a. A copy of the cited foreign patent documents and non-patent literature are enclosed herewith. The Examiner is requested to review each reference and formulate his/her own understanding thereof.

Respectfully submitted,

  
Paul D. Hayhurst  
Registration No. 30,180  
Phone: 989-636-9373

P. O. Box 1967  
Midland, MI 48641-1967

PDH/jec

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<p>Substitute for form 1449/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i></p>		<b>Complete if Known</b>	
		Application Number	10/549,743
		Filing Date	September 19, 2005
		First Named Inventor	Craig N. Schubert
		Art Unit	Not Assigned
Examiner Name	Not Assigned		
Attorney Docket Number		62212A	
Sheet	1	of	3

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. 1	Document Number	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-4,482,529	Nov. 13, 1984	Chen, et al.	
		US-4,524,050	Jun. 18, 1985	Chen, et al.	
		US-4,749,555	Jun. 7, 1988	Bush	
		US-6,277,345 B1	Aug. 21, 2001	Stankowiak, et al.	
		US-3,989,811 B1	Nov. 2, 1976	Hill	
		US-5,413,627	May 9, 1995	Landeck, et al.	
		US-4,980,140	Dec. 25, 1990	Soubey	
		US-3,966,875	Jun. 29, 1976	Bratzler, et al.	
		US-4,336,233	Jun. 22, 1982	Appl, et al.	
		US-5,589,149	Dec. 31, 1996	Garland, et al.	
		US-3,837,143	Sept. 24, 1974	Sutherland, et al.	
		US-3,284,531	Nov. 8, 1966	Shaw, et al.	
		US-4,504,449	Mar. 12, 1985	Doerges, et al.	
		US-4,532,116	Jul. 30, 1985	Doerges, et al.	
		US-6,102,987	Aug. 15, 2000	Gross, et al.	
		US-3,737,392	Jun. 5, 1973	Ameen, et al.	
		US-3,824,766	Jul. 23, 1974	Valentine, et al.	
		US-4,044,100	Aug. 23, 1977	McElroy	
		US-4,581,154	Apr. 8, 1986	Kutsher, et al.	
		US-4,741,745	May 3, 1988	Kadono, et al.	
		US-4,946,620	Aug. 7, 1990	Kadono, et al.	
		US-6,090,356?	Jul. 18, 2000	Jahnke, et al.	
		US-4,895,670	Jan. 23, 1990	Sartori, et al.	
		US-4,623,371	Nov. 18, 1986	Mehra	
		US-4,409,199	Oct. 11, 1983	Blytas	
		US-4,483,833	Nov. 1984	Stogryn, et al.	
		US-4405585	Sep. 20, 1983	Sartori, et al.	
		US-3965244	Jun. 22, 1976	Sykes, Jr.	

Examiner Signature	Date Considered
--------------------	-----------------

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449/PTO		<b><i>Complete if Known</i></b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>		Application Number	10/549,743
		Filing Date	September 19, 2005
		First Names Inventor	Craig N. Schubert
		Art Unit	Not Assigned
		Examiner Name	Not Assigned
Sheet	2	of	3
		Attorney Docket Number	62212A

## **FOREIGN PATENT DOCUMENTS**

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.*

**U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE**

Substitute for form 1449/PTO		<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>		Application Number	10/549,743
		Filing Date	September 19, 2005
		First Named Inventor	Craig N. Schubert
		Art Unit	Not Assigned
		Examiner Name	Not Assigned
Sheet	3	Attorney Docket Number	62212A

## **NON PATENT LITERATURE DOCUMENTS**

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (option). <sup>2</sup>Applicant is to place a check mark here in English language Translation is attached.

This collection of information is required 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.